

Change(s) applied

to document,

/S.G.L./

3/9/2011

*Please amend lines 5-10 on page 34 as shown below:*

BFA5(1-23) KLH-MTKRKKKTINLNIQDAQKRTALHW (CLP-2977; SEQ ID NO:99)

BFA5(312-334) KLH-TSEKFTWPAKGRPRKIAWEKKED (CLP-2978; SEQ ID NO:100)

BFA5(612-634) KLH-DEILPSESKQKDYEENSWDTESL (CLP-2979; SEQ ID NO: 101)

BFA5(972-994) KLH-RLTLNQEEKRRNADILNEKIRE (CLP-2980; SEQ ID NO: 102)

BFA5(1117-1139) KLH-AENTMLTSKLKEKQDKEILEAEI (CLP-2981; SEQ ID NO: 103)

BFA5(1319-1341) KLH-NYNNHLKNRIYQYEKEKAETENS (CLP-2982; SEQ ID NO: 104)

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*Please amend line 26 on page 34 as shown below:*

To assess the quality of the polyclonal antisera, western blots were performed using sera against BFA5. Sera were separately screened against cell extracts obtained from the BT474, MDMB453, MCF-7, Calu-6, and CosA2 cells. The approximate expected MW of BFA5 protein is 153 kDa. A 220 kDa band was observed in the BT474 extract with CLP2980 antibody but not in the MDMB453 cell extracts however a ~130kD band was present in the MDMB453 extract. Both bands were found to be consistent with the polyclonal antisera tested in this analysis. Neither of these bands is present in the negative control. Thus, it can be concluded that the polyclonal antisera are specific for BFA5.